

# Global High Precision Miniature Ball Screw Market Growth 2026-2032

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## Abstracts

The global High Precision Miniature Ball Screw market size is predicted to grow from US\$ 1651 million in 2025 to US\$ 2353 million in 2032; it is expected to grow at a CAGR of 5.3% from 2026 to 2032.

Demand for precision ball screws is on the rise in semiconductor, aviation & aerospace, and medical diagnostic equipment industries, owing to its high load bearing capacity, less friction, precision, and high positional accuracy. Hence, growth in semiconductor, aviation & aerospace, and medical diagnostic equipment industries is expected to drive growth of the precision ball screw market during forecast period.

LP Information, Inc. (LPI) ' newest research report, the "High Precision Miniature Ball Screw Industry Forecast" looks at past sales and reviews total world High Precision Miniature Ball Screw sales in 2025, providing a comprehensive analysis by region and market sector of projected High Precision Miniature Ball Screw sales for 2026 through 2032. With High Precision Miniature Ball Screw sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High Precision Miniature Ball Screw industry.

This Insight Report provides a comprehensive analysis of the global High Precision Miniature Ball Screw landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on High Precision Miniature Ball Screw portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High Precision Miniature Ball Screw market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High Precision Miniature Ball Screw and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global High Precision Miniature Ball Screw.

This report presents a comprehensive overview, market shares, and growth opportunities of High Precision Miniature Ball Screw market by product type, application, key manufacturers and key regions and countries.

**Segmentation by Type:**

Flanged Nut

Rounded Nut

Threaded Nut

**Segmentation by Application:**

Medical

Semiconductor Industry

Optical Industry

Others

**This report also splits the market by region:**

Americas

United States

Canada

Mexico

Brazil

## APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

KSS

NSK

THK

Ewellix

TBI Motion

August Steinmeyer GmbH & Co. KG

Bosch Rexroth Corporation

NTN

Hiwin Corporation

Tsubaki Nakashima

Altra Industrial Motion (Thomson)

KURODA Precision

PMI GROUP

Dai-ichi Sokuhan Works

## **Key Questions Addressed in this Report**

What is the 10-year outlook for the global High Precision Miniature Ball Screw market?

What factors are driving High Precision Miniature Ball Screw market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do High Precision Miniature Ball Screw market opportunities vary by end market size?

How does High Precision Miniature Ball Screw break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global High Precision Miniature Ball Screw Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for High Precision Miniature Ball Screw by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for High Precision Miniature Ball Screw by Country/Region, 2021, 2025 & 2032

#### 2.2 High Precision Miniature Ball Screw Segment by Type

- 2.2.1 Flanged Nut
- 2.2.2 Rounded Nut
- 2.2.3 Threaded Nut
- 2.2.4 High Precision Miniature Ball Screw Sales by Type
  - 2.2.4.1 Global High Precision Miniature Ball Screw Sales Market Share by Type (2021-2026)
  - 2.2.4.2 Global High Precision Miniature Ball Screw Revenue and Market Share by Type (2021-2026)
  - 2.2.4.3 Global High Precision Miniature Ball Screw Sale Price by Type (2021-2026)

#### 2.3 High Precision Miniature Ball Screw Segment by Application

- 2.3.1 Medical
- 2.3.2 Semiconductor Industry
- 2.3.3 Optical Industry
- 2.3.4 Others
- 2.3.5 High Precision Miniature Ball Screw Sales by Application
  - 2.3.5.1 Global High Precision Miniature Ball Screw Sale Market Share by Application (2021-2026)

2.3.5.2 Global High Precision Miniature Ball Screw Revenue and Market Share by Application (2021-2026)

2.3.5.3 Global High Precision Miniature Ball Screw Sale Price by Application (2021-2026)

### **3 GLOBAL BY COMPANY**

3.1 Global High Precision Miniature Ball Screw Breakdown Data by Company

3.1.1 Global High Precision Miniature Ball Screw Annual Sales by Company (2021-2026)

3.1.2 Global High Precision Miniature Ball Screw Sales Market Share by Company (2021-2026)

3.2 Global High Precision Miniature Ball Screw Annual Revenue by Company (2021-2026)

3.2.1 Global High Precision Miniature Ball Screw Revenue by Company (2021-2026)

3.2.2 Global High Precision Miniature Ball Screw Revenue Market Share by Company (2021-2026)

3.3 Global High Precision Miniature Ball Screw Sale Price by Company

3.4 Key Manufacturers High Precision Miniature Ball Screw Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers High Precision Miniature Ball Screw Product Location Distribution

3.4.2 Players High Precision Miniature Ball Screw Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR HIGH PRECISION MINIATURE BALL SCREW BY GEOGRAPHIC REGION**

4.1 World Historic High Precision Miniature Ball Screw Market Size by Geographic Region (2021-2026)

4.1.1 Global High Precision Miniature Ball Screw Annual Sales by Geographic Region (2021-2026)

4.1.2 Global High Precision Miniature Ball Screw Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic High Precision Miniature Ball Screw Market Size by Country/Region

(2021-2026)

4.2.1 Global High Precision Miniature Ball Screw Annual Sales by Country/Region

(2021-2026)

4.2.2 Global High Precision Miniature Ball Screw Annual Revenue by Country/Region

(2021-2026)

4.3 Americas High Precision Miniature Ball Screw Sales Growth

4.4 APAC High Precision Miniature Ball Screw Sales Growth

4.5 Europe High Precision Miniature Ball Screw Sales Growth

4.6 Middle East & Africa High Precision Miniature Ball Screw Sales Growth

## **5 AMERICAS**

5.1 Americas High Precision Miniature Ball Screw Sales by Country

5.1.1 Americas High Precision Miniature Ball Screw Sales by Country (2021-2026)

5.1.2 Americas High Precision Miniature Ball Screw Revenue by Country (2021-2026)

5.2 Americas High Precision Miniature Ball Screw Sales by Type (2021-2026)

5.3 Americas High Precision Miniature Ball Screw Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC High Precision Miniature Ball Screw Sales by Region

6.1.1 APAC High Precision Miniature Ball Screw Sales by Region (2021-2026)

6.1.2 APAC High Precision Miniature Ball Screw Revenue by Region (2021-2026)

6.2 APAC High Precision Miniature Ball Screw Sales by Type (2021-2026)

6.3 APAC High Precision Miniature Ball Screw Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## **7 EUROPE**

## 7.1 Europe High Precision Miniature Ball Screw by Country

7.1.1 Europe High Precision Miniature Ball Screw Sales by Country (2021-2026)

7.1.2 Europe High Precision Miniature Ball Screw Revenue by Country (2021-2026)

## 7.2 Europe High Precision Miniature Ball Screw Sales by Type (2021-2026)

## 7.3 Europe High Precision Miniature Ball Screw Sales by Application (2021-2026)

### 7.4 Germany

### 7.5 France

### 7.6 UK

### 7.7 Italy

### 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

### 8.1 Middle East & Africa High Precision Miniature Ball Screw by Country

8.1.1 Middle East & Africa High Precision Miniature Ball Screw Sales by Country (2021-2026)

8.1.2 Middle East & Africa High Precision Miniature Ball Screw Revenue by Country (2021-2026)

8.2 Middle East & Africa High Precision Miniature Ball Screw Sales by Type (2021-2026)

8.3 Middle East & Africa High Precision Miniature Ball Screw Sales by Application (2021-2026)

### 8.4 Egypt

### 8.5 South Africa

### 8.6 Israel

### 8.7 Turkey

### 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of High Precision Miniature Ball Screw

10.3 Manufacturing Process Analysis of High Precision Miniature Ball Screw

## 10.4 Industry Chain Structure of High Precision Miniature Ball Screw

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

### 11.1 Sales Channel

#### 11.1.1 Direct Channels

#### 11.1.2 Indirect Channels

### 11.2 High Precision Miniature Ball Screw Distributors

### 11.3 High Precision Miniature Ball Screw Customer

## **12 WORLD FORECAST REVIEW FOR HIGH PRECISION MINIATURE BALL SCREW BY GEOGRAPHIC REGION**

### 12.1 Global High Precision Miniature Ball Screw Market Size Forecast by Region

#### 12.1.1 Global High Precision Miniature Ball Screw Forecast by Region (2027-2032)

#### 12.1.2 Global High Precision Miniature Ball Screw Annual Revenue Forecast by Region (2027-2032)

### 12.2 Americas Forecast by Country (2027-2032)

### 12.3 APAC Forecast by Region (2027-2032)

### 12.4 Europe Forecast by Country (2027-2032)

### 12.5 Middle East & Africa Forecast by Country (2027-2032)

### 12.6 Global High Precision Miniature Ball Screw Forecast by Type (2027-2032)

### 12.7 Global High Precision Miniature Ball Screw Forecast by Application (2027-2032)

## **13 KEY PLAYERS ANALYSIS**

### 13.1 KSS

#### 13.1.1 KSS Company Information

#### 13.1.2 KSS High Precision Miniature Ball Screw Product Portfolios and Specifications

#### 13.1.3 KSS High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.1.4 KSS Main Business Overview

#### 13.1.5 KSS Latest Developments

### 13.2 NSK

#### 13.2.1 NSK Company Information

#### 13.2.2 NSK High Precision Miniature Ball Screw Product Portfolios and Specifications

#### 13.2.3 NSK High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.2.4 NSK Main Business Overview

- 13.2.5 NSK Latest Developments
- 13.3 THK
  - 13.3.1 THK Company Information
  - 13.3.2 THK High Precision Miniature Ball Screw Product Portfolios and Specifications
  - 13.3.3 THK High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.3.4 THK Main Business Overview
  - 13.3.5 THK Latest Developments
- 13.4 Ewellix
  - 13.4.1 Ewellix Company Information
  - 13.4.2 Ewellix High Precision Miniature Ball Screw Product Portfolios and Specifications
  - 13.4.3 Ewellix High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.4.4 Ewellix Main Business Overview
  - 13.4.5 Ewellix Latest Developments
- 13.5 TBI Motion
  - 13.5.1 TBI Motion Company Information
  - 13.5.2 TBI Motion High Precision Miniature Ball Screw Product Portfolios and Specifications
  - 13.5.3 TBI Motion High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.5.4 TBI Motion Main Business Overview
  - 13.5.5 TBI Motion Latest Developments
- 13.6 August Steinmeyer GmbH & Co. KG
  - 13.6.1 August Steinmeyer GmbH & Co. KG Company Information
  - 13.6.2 August Steinmeyer GmbH & Co. KG High Precision Miniature Ball Screw Product Portfolios and Specifications
  - 13.6.3 August Steinmeyer GmbH & Co. KG High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.6.4 August Steinmeyer GmbH & Co. KG Main Business Overview
  - 13.6.5 August Steinmeyer GmbH & Co. KG Latest Developments
- 13.7 Bosch Rexroth Corporation
  - 13.7.1 Bosch Rexroth Corporation Company Information
  - 13.7.2 Bosch Rexroth Corporation High Precision Miniature Ball Screw Product Portfolios and Specifications
  - 13.7.3 Bosch Rexroth Corporation High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.7.4 Bosch Rexroth Corporation Main Business Overview

- 13.7.5 Bosch Rexroth Corporation Latest Developments
- 13.8 NTN
  - 13.8.1 NTN Company Information
  - 13.8.2 NTN High Precision Miniature Ball Screw Product Portfolios and Specifications
  - 13.8.3 NTN High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.8.4 NTN Main Business Overview
  - 13.8.5 NTN Latest Developments
- 13.9 Hiwin Corporation
  - 13.9.1 Hiwin Corporation Company Information
  - 13.9.2 Hiwin Corporation High Precision Miniature Ball Screw Product Portfolios and Specifications
  - 13.9.3 Hiwin Corporation High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.9.4 Hiwin Corporation Main Business Overview
  - 13.9.5 Hiwin Corporation Latest Developments
- 13.10 Tsubaki Nakashima
  - 13.10.1 Tsubaki Nakashima Company Information
  - 13.10.2 Tsubaki Nakashima High Precision Miniature Ball Screw Product Portfolios and Specifications
  - 13.10.3 Tsubaki Nakashima High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.10.4 Tsubaki Nakashima Main Business Overview
  - 13.10.5 Tsubaki Nakashima Latest Developments
- 13.11 Altra Industrial Motion (Thomson)
  - 13.11.1 Altra Industrial Motion (Thomson) Company Information
  - 13.11.2 Altra Industrial Motion (Thomson) High Precision Miniature Ball Screw Product Portfolios and Specifications
  - 13.11.3 Altra Industrial Motion (Thomson) High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.11.4 Altra Industrial Motion (Thomson) Main Business Overview
  - 13.11.5 Altra Industrial Motion (Thomson) Latest Developments
- 13.12 KURODA Precision
  - 13.12.1 KURODA Precision Company Information
  - 13.12.2 KURODA Precision High Precision Miniature Ball Screw Product Portfolios and Specifications
  - 13.12.3 KURODA Precision High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.12.4 KURODA Precision Main Business Overview

13.12.5 KURODA Precision Latest Developments

13.13 PMI GROUP

13.13.1 PMI GROUP Company Information

13.13.2 PMI GROUP High Precision Miniature Ball Screw Product Portfolios and Specifications

13.13.3 PMI GROUP High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 PMI GROUP Main Business Overview

13.13.5 PMI GROUP Latest Developments

13.14 Dai-ichi Sokuhan Works

13.14.1 Dai-ichi Sokuhan Works Company Information

13.14.2 Dai-ichi Sokuhan Works High Precision Miniature Ball Screw Product Portfolios and Specifications

13.14.3 Dai-ichi Sokuhan Works High Precision Miniature Ball Screw Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Dai-ichi Sokuhan Works Main Business Overview

13.14.5 Dai-ichi Sokuhan Works Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table 1. High Precision Miniature Ball Screw Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. High Precision Miniature Ball Screw Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Flanged Nut
- Table 4. Major Players of Rounded Nut
- Table 5. Major Players of Threaded Nut
- Table 6. Global High Precision Miniature Ball Screw Sales by Type (2021-2026) & (K Units)
- Table 7. Global High Precision Miniature Ball Screw Sales Market Share by Type (2021-2026)
- Table 8. Global High Precision Miniature Ball Screw Revenue by Type (2021-2026) & (\$ million)
- Table 9. Global High Precision Miniature Ball Screw Revenue Market Share by Type (2021-2026)
- Table 10. Global High Precision Miniature Ball Screw Sale Price by Type (2021-2026) & (US\$/Unit)
- Table 11. Global High Precision Miniature Ball Screw Sale by Application (2021-2026) & (K Units)
- Table 12. Global High Precision Miniature Ball Screw Sale Market Share by Application (2021-2026)
- Table 13. Global High Precision Miniature Ball Screw Revenue by Application (2021-2026) & (\$ million)
- Table 14. Global High Precision Miniature Ball Screw Revenue Market Share by Application (2021-2026)
- Table 15. Global High Precision Miniature Ball Screw Sale Price by Application (2021-2026) & (US\$/Unit)
- Table 16. Global High Precision Miniature Ball Screw Sales by Company (2021-2026) & (K Units)
- Table 17. Global High Precision Miniature Ball Screw Sales Market Share by Company (2021-2026)
- Table 18. Global High Precision Miniature Ball Screw Revenue by Company (2021-2026) & (\$ millions)
- Table 19. Global High Precision Miniature Ball Screw Revenue Market Share by Company (2021-2026)

- Table 20. Global High Precision Miniature Ball Screw Sale Price by Company (2021-2026) & (US\$/Unit)
- Table 21. Key Manufacturers High Precision Miniature Ball Screw Producing Area Distribution and Sales Area
- Table 22. Players High Precision Miniature Ball Screw Products Offered
- Table 23. High Precision Miniature Ball Screw Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- Table 24. New Products and Potential Entrants
- Table 25. Market M&A Activity & Strategy
- Table 26. Global High Precision Miniature Ball Screw Sales by Geographic Region (2021-2026) & (K Units)
- Table 27. Global High Precision Miniature Ball Screw Sales Market Share Geographic Region (2021-2026)
- Table 28. Global High Precision Miniature Ball Screw Revenue by Geographic Region (2021-2026) & (\$ millions)
- Table 29. Global High Precision Miniature Ball Screw Revenue Market Share by Geographic Region (2021-2026)
- Table 30. Global High Precision Miniature Ball Screw Sales by Country/Region (2021-2026) & (K Units)
- Table 31. Global High Precision Miniature Ball Screw Sales Market Share by Country/Region (2021-2026)
- Table 32. Global High Precision Miniature Ball Screw Revenue by Country/Region (2021-2026) & (\$ millions)
- Table 33. Global High Precision Miniature Ball Screw Revenue Market Share by Country/Region (2021-2026)
- Table 34. Americas High Precision Miniature Ball Screw Sales by Country (2021-2026) & (K Units)
- Table 35. Americas High Precision Miniature Ball Screw Sales Market Share by Country (2021-2026)
- Table 36. Americas High Precision Miniature Ball Screw Revenue by Country (2021-2026) & (\$ millions)
- Table 37. Americas High Precision Miniature Ball Screw Sales by Type (2021-2026) & (K Units)
- Table 38. Americas High Precision Miniature Ball Screw Sales by Application (2021-2026) & (K Units)
- Table 39. APAC High Precision Miniature Ball Screw Sales by Region (2021-2026) & (K Units)
- Table 40. APAC High Precision Miniature Ball Screw Sales Market Share by Region (2021-2026)

- Table 41. APAC High Precision Miniature Ball Screw Revenue by Region (2021-2026) & (\$ millions)
- Table 42. APAC High Precision Miniature Ball Screw Sales by Type (2021-2026) & (K Units)
- Table 43. APAC High Precision Miniature Ball Screw Sales by Application (2021-2026) & (K Units)
- Table 44. Europe High Precision Miniature Ball Screw Sales by Country (2021-2026) & (K Units)
- Table 45. Europe High Precision Miniature Ball Screw Revenue by Country (2021-2026) & (\$ millions)
- Table 46. Europe High Precision Miniature Ball Screw Sales by Type (2021-2026) & (K Units)
- Table 47. Europe High Precision Miniature Ball Screw Sales by Application (2021-2026) & (K Units)
- Table 48. Middle East & Africa High Precision Miniature Ball Screw Sales by Country (2021-2026) & (K Units)
- Table 49. Middle East & Africa High Precision Miniature Ball Screw Revenue Market Share by Country (2021-2026)
- Table 50. Middle East & Africa High Precision Miniature Ball Screw Sales by Type (2021-2026) & (K Units)
- Table 51. Middle East & Africa High Precision Miniature Ball Screw Sales by Application (2021-2026) & (K Units)
- Table 52. Key Market Drivers & Growth Opportunities of High Precision Miniature Ball Screw
- Table 53. Key Market Challenges & Risks of High Precision Miniature Ball Screw
- Table 54. Key Industry Trends of High Precision Miniature Ball Screw
- Table 55. High Precision Miniature Ball Screw Raw Material
- Table 56. Key Suppliers of Raw Materials
- Table 57. High Precision Miniature Ball Screw Distributors List
- Table 58. High Precision Miniature Ball Screw Customer List
- Table 59. Global High Precision Miniature Ball Screw Sales Forecast by Region (2027-2032) & (K Units)
- Table 60. Global High Precision Miniature Ball Screw Revenue Forecast by Region (2027-2032) & (\$ millions)
- Table 61. Americas High Precision Miniature Ball Screw Sales Forecast by Country (2027-2032) & (K Units)
- Table 62. Americas High Precision Miniature Ball Screw Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 63. APAC High Precision Miniature Ball Screw Sales Forecast by Region

(2027-2032) & (K Units)

Table 64. APAC High Precision Miniature Ball Screw Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 65. Europe High Precision Miniature Ball Screw Sales Forecast by Country (2027-2032) & (K Units)

Table 66. Europe High Precision Miniature Ball Screw Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 67. Middle East & Africa High Precision Miniature Ball Screw Sales Forecast by Country (2027-2032) & (K Units)

Table 68. Middle East & Africa High Precision Miniature Ball Screw Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 69. Global High Precision Miniature Ball Screw Sales Forecast by Type (2027-2032) & (K Units)

Table 70. Global High Precision Miniature Ball Screw Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 71. Global High Precision Miniature Ball Screw Sales Forecast by Application (2027-2032) & (K Units)

Table 72. Global High Precision Miniature Ball Screw Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 73. KSS Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 74. KSS High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 75. KSS High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 76. KSS Main Business

Table 77. KSS Latest Developments

Table 78. NSK Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 79. NSK High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 80. NSK High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 81. NSK Main Business

Table 82. NSK Latest Developments

Table 83. THK Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 84. THK High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 85. THK High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 86. THK Main Business

Table 87. THK Latest Developments

Table 88. Ewellix Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 89. Ewellix High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 90. Ewellix High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. Ewellix Main Business

Table 92. Ewellix Latest Developments

Table 93. TBI Motion Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 94. TBI Motion High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 95. TBI Motion High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. TBI Motion Main Business

Table 97. TBI Motion Latest Developments

Table 98. August Steinmeyer GmbH & Co. KG Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 99. August Steinmeyer GmbH & Co. KG High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 100. August Steinmeyer GmbH & Co. KG High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 101. August Steinmeyer GmbH & Co. KG Main Business

Table 102. August Steinmeyer GmbH & Co. KG Latest Developments

Table 103. Bosch Rexroth Corporation Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 104. Bosch Rexroth Corporation High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 105. Bosch Rexroth Corporation High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 106. Bosch Rexroth Corporation Main Business

Table 107. Bosch Rexroth Corporation Latest Developments

Table 108. NTN Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 109. NTN High Precision Miniature Ball Screw Product Portfolios and

## Specifications

Table 110. NTN High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 111. NTN Main Business

Table 112. NTN Latest Developments

Table 113. Hiwin Corporation Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 114. Hiwin Corporation High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 115. Hiwin Corporation High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 116. Hiwin Corporation Main Business

Table 117. Hiwin Corporation Latest Developments

Table 118. Tsubaki Nakashima Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 119. Tsubaki Nakashima High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 120. Tsubaki Nakashima High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 121. Tsubaki Nakashima Main Business

Table 122. Tsubaki Nakashima Latest Developments

Table 123. Altra Industrial Motion (Thomson) Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 124. Altra Industrial Motion (Thomson) High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 125. Altra Industrial Motion (Thomson) High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 126. Altra Industrial Motion (Thomson) Main Business

Table 127. Altra Industrial Motion (Thomson) Latest Developments

Table 128. KURODA Precision Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 129. KURODA Precision High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 130. KURODA Precision High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 131. KURODA Precision Main Business

Table 132. KURODA Precision Latest Developments

Table 133. PMI GROUP Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 134. PMI GROUP High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 135. PMI GROUP High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 136. PMI GROUP Main Business

Table 137. PMI GROUP Latest Developments

Table 138. Dai-ichi Sokuhan Works Basic Information, High Precision Miniature Ball Screw Manufacturing Base, Sales Area and Its Competitors

Table 139. Dai-ichi Sokuhan Works High Precision Miniature Ball Screw Product Portfolios and Specifications

Table 140. Dai-ichi Sokuhan Works High Precision Miniature Ball Screw Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 141. Dai-ichi Sokuhan Works Main Business

Table 142. Dai-ichi Sokuhan Works Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of High Precision Miniature Ball Screw
- Figure 2. High Precision Miniature Ball Screw Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global High Precision Miniature Ball Screw Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global High Precision Miniature Ball Screw Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. High Precision Miniature Ball Screw Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. High Precision Miniature Ball Screw Sales Market Share by Country/Region (2025)
- Figure 10. High Precision Miniature Ball Screw Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Flanged Nut
- Figure 12. Product Picture of Rounded Nut
- Figure 13. Product Picture of Threaded Nut
- Figure 14. Global High Precision Miniature Ball Screw Sales Market Share by Type in 2026
- Figure 15. Global High Precision Miniature Ball Screw Revenue Market Share by Type (2021-2026)
- Figure 16. High Precision Miniature Ball Screw Consumed in Medical
- Figure 17. Global High Precision Miniature Ball Screw Market: Medical (2021-2026) & (K Units)
- Figure 18. High Precision Miniature Ball Screw Consumed in Semiconductor Industry
- Figure 19. Global High Precision Miniature Ball Screw Market: Semiconductor Industry (2021-2026) & (K Units)
- Figure 20. High Precision Miniature Ball Screw Consumed in Optical Industry
- Figure 21. Global High Precision Miniature Ball Screw Market: Optical Industry (2021-2026) & (K Units)
- Figure 22. High Precision Miniature Ball Screw Consumed in Others
- Figure 23. Global High Precision Miniature Ball Screw Market: Others (2021-2026) & (K Units)
- Figure 24. Global High Precision Miniature Ball Screw Sale Market Share by Application

(2025)

Figure 25. Global High Precision Miniature Ball Screw Revenue Market Share by Application in 2026

Figure 26. High Precision Miniature Ball Screw Sales by Company in 2026 (K Units)

Figure 27. Global High Precision Miniature Ball Screw Sales Market Share by Company in 2026

Figure 28. High Precision Miniature Ball Screw Revenue by Company in 2026 (\$ millions)

Figure 29. Global High Precision Miniature Ball Screw Revenue Market Share by Company in 2026

Figure 30. Global High Precision Miniature Ball Screw Sales Market Share by Geographic Region (2021-2026)

Figure 31. Global High Precision Miniature Ball Screw Revenue Market Share by Geographic Region in 2026

Figure 32. Americas High Precision Miniature Ball Screw Sales 2021-2026 (K Units)

Figure 33. Americas High Precision Miniature Ball Screw Revenue 2021-2026 (\$ millions)

Figure 34. APAC High Precision Miniature Ball Screw Sales 2021-2026 (K Units)

Figure 35. APAC High Precision Miniature Ball Screw Revenue 2021-2026 (\$ millions)

Figure 36. Europe High Precision Miniature Ball Screw Sales 2021-2026 (K Units)

Figure 37. Europe High Precision Miniature Ball Screw Revenue 2021-2026 (\$ millions)

Figure 38. Middle East & Africa High Precision Miniature Ball Screw Sales 2021-2026 (K Units)

Figure 39. Middle East & Africa High Precision Miniature Ball Screw Revenue 2021-2026 (\$ millions)

Figure 40. Americas High Precision Miniature Ball Screw Sales Market Share by Country in 2026

Figure 41. Americas High Precision Miniature Ball Screw Revenue Market Share by Country (2021-2026)

Figure 42. Americas High Precision Miniature Ball Screw Sales Market Share by Type (2021-2026)

Figure 43. Americas High Precision Miniature Ball Screw Sales Market Share by Application (2021-2026)

Figure 44. United States High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 45. Canada High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 46. Mexico High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 47. Brazil High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 48. APAC High Precision Miniature Ball Screw Sales Market Share by Region in 2026

Figure 49. APAC High Precision Miniature Ball Screw Revenue Market Share by Region (2021-2026)

Figure 50. APAC High Precision Miniature Ball Screw Sales Market Share by Type (2021-2026)

Figure 51. APAC High Precision Miniature Ball Screw Sales Market Share by Application (2021-2026)

Figure 52. China High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 53. Japan High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 54. South Korea High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 55. Southeast Asia High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 56. India High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 57. Australia High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 58. China Taiwan High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 59. Europe High Precision Miniature Ball Screw Sales Market Share by Country in 2026

Figure 60. Europe High Precision Miniature Ball Screw Revenue Market Share by Country (2021-2026)

Figure 61. Europe High Precision Miniature Ball Screw Sales Market Share by Type (2021-2026)

Figure 62. Europe High Precision Miniature Ball Screw Sales Market Share by Application (2021-2026)

Figure 63. Germany High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 64. France High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 65. UK High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 66. Italy High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$

millions)

Figure 67. Russia High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 68. Middle East & Africa High Precision Miniature Ball Screw Sales Market Share by Country (2021-2026)

Figure 69. Middle East & Africa High Precision Miniature Ball Screw Sales Market Share by Type (2021-2026)

Figure 70. Middle East & Africa High Precision Miniature Ball Screw Sales Market Share by Application (2021-2026)

Figure 71. Egypt High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 72. South Africa High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 73. Israel High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 74. Turkey High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 75. GCC Countries High Precision Miniature Ball Screw Revenue Growth 2021-2026 (\$ millions)

Figure 76. Manufacturing Cost Structure Analysis of High Precision Miniature Ball Screw in 2026

Figure 77. Manufacturing Process Analysis of High Precision Miniature Ball Screw

Figure 78. Industry Chain Structure of High Precision Miniature Ball Screw

Figure 79. Channels of Distribution

Figure 80. Global High Precision Miniature Ball Screw Sales Market Forecast by Region (2027-2032)

Figure 81. Global High Precision Miniature Ball Screw Revenue Market Share Forecast by Region (2027-2032)

Figure 82. Global High Precision Miniature Ball Screw Sales Market Share Forecast by Type (2027-2032)

Figure 83. Global High Precision Miniature Ball Screw Revenue Market Share Forecast by Type (2027-2032)

Figure 84. Global High Precision Miniature Ball Screw Sales Market Share Forecast by Application (2027-2032)

Figure 85. Global High Precision Miniature Ball Screw Revenue Market Share Forecast by Application (2027-2032)

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